

SEQUENCE LISTING

IAP17 Rec'd PCT/PTO 28 APR 2006

<110> Masayoshi Yamaguchi

<120> Hyperlipidemia/Hyperalbuminemia Model Animal

<130> 4439-4042

<150> JP2003-374098

<151> 2003-11-04

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 900

<212> DNA

<213> Rattus norvegicus

<220>

<221> CDS

<222> (1)..(900)

<400> 1

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| 1 5 10 15 | |
| ggg gag tcc cct gtg tgg gag gag gca tca aag tgt ctg ctg ttt gta | 96 |
| Gly Glu Ser Pro Val Trp Glu Glu Ala Ser Lys Cys Leu Leu Phe Val | |
| 20 25 30 | |
| gac atc cct tca aag act gtc tgc cga tgg gat tcg atc agc aat cga | 144 |
| Asp Ile Pro Ser Lys Thr Val Cys Arg Trp Asp Ser Ile Ser Asn Arg | |
| 35 40 45 | |
| gtg cag cga gtt ggt gta gat gcc cca gtc agt tca gtg gca ctt cga | 192 |
| Val Gln Arg Val Gly Val Asp Ala Pro Val Ser Val Ala Leu Arg | |
| 50 55 60 | |
| cag tca gga ggc tat gtt gcc acc att gga acc aag ttc tgt gct ttg | 240 |
| Gln Ser Gly Gly Tyr Val Ala Thr Ile Gly Thr Lys Phe Cys Ala Leu | |
| 65 70 75 80 | |
| aac tgg gaa gat caa tca gta ttt atc cta gcc atg gtg gat gaa gat | 288 |
| Asn Trp Glu Asp Gln Ser Val Phe Ile Leu Ala Met Val Asp Glu Asp | |
| 85 90 95 | |
| aag aaa aac aat cga ttc aat gat ggg aag gtg gat cct gct ggg aga | 336 |
| Lys Lys Asn Asn Arg Phe Asn Asp Gly Lys Val Asp Pro Ala Gly Arg | |
| 100 105 110 | |
| tac ttt gct ggt acc atg gct gag gaa acc gcc cca gct gtt ctg gag | 384 |
| Tyr Phe Ala Gly Thr Met Ala Glu Glu Thr Ala Pro Ala Val Leu Glu | |
| 115 120 125 | |
| cgg cac caa ggg tcc ttg tac tcc ctt ttt cct gat cac agt gtg aag | 432 |
| Arg His Gln Gly Ser Leu Tyr Ser Leu Phe Pro Asp His Ser Val Lys | |
| 130 135 140 | |
| aaa tac ttt aac caa gtg gat atc tcc aat ggt ttg gat tgg tcc ctg | 480 |
| Lys Tyr Phe Asn Gln Val Asp Ile Ser Asn Gly Leu Asp Trp Ser Leu | |

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| 145 | 150 | 155 | 160 | |
|---|-----|-----|-----|-----|
| gac cat aaa atc ttc tac tac att gac agc ctg tcc tac act gtg gat | | | | 528 |
| Asp His Lys Ile Phe Tyr Tyr Ile Asp Ser Leu Ser Tyr Thr Val Asp | 165 | 170 | 175 | |
| gcc ttt gac tat gac ctg cca aca gga cag att tcc aac cgc agg act | | | | 576 |
| Ala Phe Asp Tyr Asp Leu Pro Thr Gly Gln Ile Ser Asn Arg Arg Thr | 180 | 185 | 190 | |
| gtt tac aag atg gaa aaa gat gaa caa atc cca gat gga atg tgc att | | | | 624 |
| Val Tyr Lys Met Glu Lys Asp Glu Gln Ile Pro Asp Gly Met Cys Ile | 195 | 200 | 205 | |
| gat gtt gag ggg aag ctt tgg gtg gcc tgt tac aat gga gga aga gta | | | | 672 |
| Asp Val Glu Gly Lys Leu Trp Val Ala Cys Tyr Asn Gly Gly Arg Val | 210 | 215 | 220 | |
| att cgc cta gat cct gag aca ggg aaa aga ctg caa act gtg aag ttg | | | | 720 |
| Ile Arg Leu Asp Pro Glu Thr Gly Lys Arg Leu Gln Thr Val Lys Leu | 225 | 230 | 235 | 240 |
| cct gtt gat aaa aca act tca tgc tgc ttt gga ggg aag gat tac tct | | | | 768 |
| Pro Val Asp Lys Thr Thr Ser Cys Cys Phe Gly Gly Lys Asp Tyr Ser | 245 | 250 | 255 | |
| gaa atg tac gtg aca tgt gcc agg gat ggg atg agc gcc gaa ggt ctt | | | | 816 |
| Glu Met Tyr Val Thr Cys Ala Arg Asp Gly Met Ser Ala Glu Gly Leu | 260 | 265 | 270 | |
| ttg agg cag cct gat gct ggt aac att ttc aag ata aca ggt ctt ggg | | | | 864 |
| Leu Arg Gln Pro Asp Ala Gly Asn Ile Phe Lys Ile Thr Gly Leu Gly | 275 | 280 | 285 | |
| gtc aaa gga att gct cca tat tcc tat gca ggg taa | | | | 900 |
| Val Lys Gly Ile Ala Pro Tyr Ser Tyr Ala Gly | 290 | 295 | | |

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 <212> PRT
 <213> Rattus norvegicus

<400> 2
 Met Ser Ser Ile Lys Ile Glu Cys Val Leu Arg Glu Asn Tyr Arg Cys
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 Gly Glu Ser Pro Val Trp Glu Glu Ala Ser Lys Cys Leu Leu Phe Val
 20 25 30
 Asp Ile Pro Ser Lys Thr Val Cys Arg Trp Asp Ser Ile Ser Asn Arg
 35 40 45
 Val Gln Arg Val Gly Val Asp Ala Pro Val Ser Ser Val Ala Leu Arg
 50 55 60
 Gln Ser Gly Gly Tyr Val Ala Thr Ile Gly Thr Lys Phe Cys Ala Leu
 65 70 75 80
 Asn Trp Glu Asp Gln Ser Val Phe Ile Leu Ala Met Val Asp Glu Asp
 85 90 95
 Lys Lys Asn Asn Arg Phe Asn Asp Gly Lys Val Asp Pro Ala Gly Arg
 100 105 110
 Tyr Phe Ala Gly Thr Met Ala Glu Glu Thr Ala Pro Ala Val Leu Glu
 115 120 125
 Arg His Gln Gly Ser Leu Tyr Ser Leu Phe Pro Asp His Ser Val Lys
 130 135 140

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Lys Tyr Phe Asn Gln Val Asp Ile Ser Asn Gly Leu Asp Trp Ser Leu
145          150          155          160
Asp His Lys Ile Phe Tyr Tyr Ile Asp Ser Leu Ser Tyr Thr Val Asp
          165          170          175
Ala Phe Asp Tyr Asp Leu Pro Thr Gly Gln Ile Ser Asn Arg Arg Thr
          180          185          190
Val Tyr Lys Met Glu Lys Asp Glu Gln Ile Pro Asp Gly Met Cys Ile
          195          200          205
Asp Val Glu Gly Lys Leu Trp Val Ala Cys Tyr Asn Gly Gly Arg Val
          210          215          220
Ile Arg Leu Asp Pro Glu Thr Gly Lys Arg Leu Gln Thr Val Lys Leu
          225          230          235
Pro Val Asp Lys Thr Thr Ser Cys Cys Phe Gly Gly Lys Asp Tyr Ser
          240          245          250
Glu Met Tyr Val Thr Cys Ala Arg Asp Gly Met Ser Ala Glu Gly Leu
          255          260          265
Leu Arg Gln Pro Asp Ala Gly Asn Ile Phe Lys Ile Thr Gly Leu Gly
          270          275          280
Val Lys Gly Ile Ala Pro Tyr Ser Tyr Ala Gly
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 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Primer huRC-1

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<210> 4
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Primer huRC-2

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23